



SEQUENCE LISTING

<110> KHOSLA, Chaitan
KAO, Camilla

<120> METHOD TO PREPARE MACROLIDE ANALOGS

<130> 3000622000509

<140> US 10/733,184

<141> 2003-12-10

<150> US 09/740,313

<151> 2000-12-18

<150> US 08/846,247

<151> 1997-04-30

<160> 24

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer rapAT2 (forward)

<400> 1

tttagatctg tgttcgtctt cccgggt

27

<210> 2

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer rapAT2 (reverse)

<400> 2

tttctgcagc cagtaccgct ggtgctggaa ggcgta

36

<210> 3

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer rapKR2 (forward)

<400> 3

tttctgcagg agggcacgga ccgggcgact gcgggt

36

<210> 4

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer rapKR2 (reverse)

<400> 4
 ttttctagaa ccggcggcag cggcccgccg agcaat 36

<210> 5
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer rapDH/KR4 (forward)

<400> 5
 ttctgcagag cgtggaccgg gcggct 26

<210> 6
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer rapDH/KR4 (reverse)

<400> 6
 ttttctagag tcaccggtag aggcggcct 30

<210> 7
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer rapDH/ER/KR1 (left half) (forward)

<400> 7
 tttctgcagg gcgtggaccg ggcggctgcc 30

<210> 8
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer rapDH/ER/KR1 (left half) (reverse)

<400> 8
 tttctcgagc accacgcccg cagcctcacc 30

<210> 9
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer rapDH/ER/KR1 (right half) (forward)

<400> 9
 tttctcgagg tcggtccgga ggtccaggat 30

<210> 10
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>

<223> Primer rapDH/ER/KR1 (right half) (reverse)

<400> 10
 ttttctagaa tcaccggtag aagcagcccg 30

<210> 11
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Junction sequence for PstI site

<400> 11
 gagccccagc ggtactggct gcag 24

<210> 12
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Junction sequence for XbaI site

<400> 12
 tctagagcgg tgcaggcggc cccg 24

<210> 13
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer (forward) for left flank

<400> 13
 tttggatccg ttttcgtctt cccaggtcag 30

<210> 14
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer (reverse) for left flank

<400> 14
 tttctgcagc cagtaccgct ggggctcgaa 30

<210> 15
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer (forward) for right flank

<400> 15
 ttttctagag cgggtgcaggc ggccccggcg 30

<210> 16
 <211> 29
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer (reverse) for right flank

 <400> 16
 aaaatgcatac tatgaattcc ctccgccca 29

 <210> 17
 <211> 24
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Resulting junction sequence for PstI site

 <400> 17
 gaacaccagc gcttctggct gcag 24

 <210> 18
 <211> 24
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Resulting junction sequence for XbaI site

 <400> 18
 tctagagacc ggctcgccgg tcgg 24

 <210> 19
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Resulting engineered DEBS/rapAT2 junction

 <400> 19
 agtgcctccg acggtggatc t 21

 <210> 20
 <211> 24
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Resulting engineered DEBS/rapAT2 junction

 <400> 20
 ctgcagccgg accgcaccac ccct 24

 <210> 21
 <211> 47
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide linker designed to generate
 PstI-compatible ends upon hybridization

 <400> 21
 gccggaccgc accacccctc gtgacggaga accggagacg gagagct 47

 <210> 22

<211> 55
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide linker designed to generate
 XbaI-compatible ends upon hybridization

<400> 22
 ctagagctct ccgtctccgg ttctccgtca cgaggggtgg tgcggtccgg ctgca 55

<210> 23
 <211> 12
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Sequence at the fusion

<400> 23
 ctactagtc ag 12

<210> 24
 <211> 9
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Sequence at the fusion

<400> 24
 ggccgcgcc 9